

1980 Annual Index

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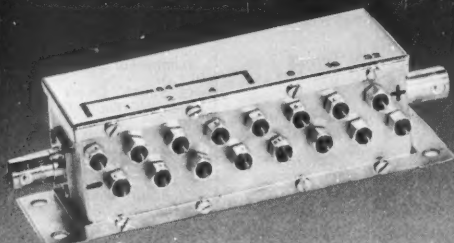
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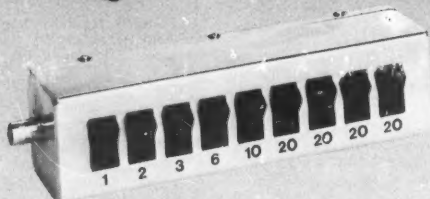


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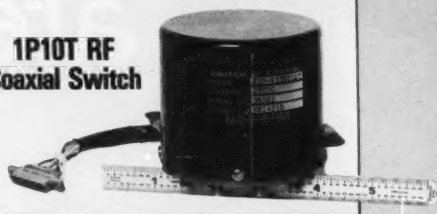
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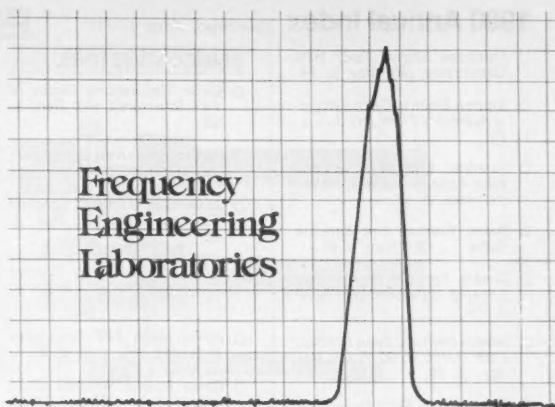
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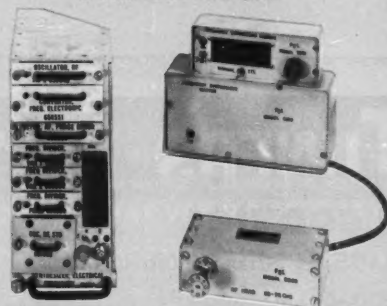
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- **US Okays Funding For Ocean-Sensing Satellite**, (N), Apr., p. 28.

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- **Gunn Oscillations Occur In FET Structures**, (N), Dec., p. 28.
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- **Josephson Devices Improved For Fast Logic**, (N), Mar., p. 32.
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- **Novel GaAs FET Structures Reported**, (N), July, p. 26.
- **Other Pulsed Sources Challenge Gunn Diodes**, (TA), May, p. 81.
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- **Speedy Semis May Crack High Frequency Barrier**, (N), Dec., p. 15.
- **The Not-So-Sudden Interest In InP**, (TA), May, p. 84.

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- **Oscillator's YIG Tracking Filter Signals Low-Harmonic Output**, (PF), June, p. 86.

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- **Seven Tips On Specifying Pulse-Compression Systems**, (TA), Apr., p. 66.
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- **VCOs Shed Filters**, (PF), Apr., p. 101.
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- **Be A Smarter GaAs FET Specifier**, (SR), Feb., p. 62.
- **Compound Semis Look Good For Low-Noise FETs**, (N), Nov., p. 42.
- **FET vs. Bipolar: Which Oscillator Is Quieter?**, (TA), Nov., p. 82.
- **GaAs FETs Promise Much As They Come Of Age**, (TA), Feb., p. 67.
- **GaAs FETs Steal The Show (Again)**, (N), Feb., p. 15.

- **GaAs Power MESFETs Emit Light**, (N), Apr., p. 33.
- **High-Mobility Transistors: Breakthrough Or Ballyhoo?**, (N), Oct., p. 20.
- **How To Select A GaAs FET**, (TA), Feb., p. 64.
- **Japan: Attention Turns To High-Power GaAs FETs As Low-Noise Devices Reach Maturity**, (SR), Feb., p. 36.
- **Model Describes High-Voltage Effects In GaAs FETs**, (N), May, p. 74.
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- **Power GaAs FETs Show Great Expectations For Longevity**, (N), Nov., p. 20.

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- **Half-Weight Magnetrons Use SmCo Magnets**, (N), Aug., p. 24.
- **S-Band Magnetron For Linear Accelerators**, (N), Jan., p. 30.
- **TWTA Whittles Energy, Space**, (PF), Aug., p. 69.
- **Useful Design Criteria Predict TWT Intermod**, (TA), Mar., p. 71.

TUNERS

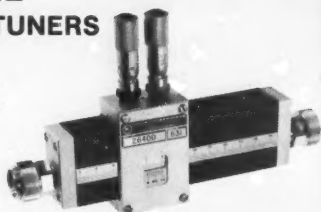
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SLIDE SCREW TUNERS

- BROADBAND
- LARGE MATCHING CAPABILITY
- RESETABLE
- LOW LOSS

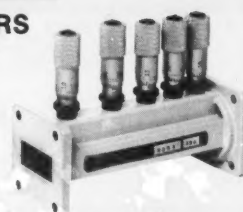


Tuner Type	Matching Capability	Freq. Range GHz	Connector			
			APC7	N	TNC	SMA
Single Probe	2:1 VSWR Min.	0.9 - 8.5	2640A	1643A	1642A	1649A
		1.8 - 18.0	2640B	1643B	1642B	1649B
Double Probe	6:1 VSWR Min.	0.9 - 12.4	2640C	1643C	1642C	1649C
		1.8 - 18.0	2640D	1643D	1642D	1649D

WAVEGUIDE

MULTIPROBE TUNERS

- TYPICALLY WILL MATCH >1.10 VSWR TO <1.01 VSWR
- RESETABLE
- STABLE



MODEL NUMBER	EQUIVALENT COVER FLANGE	FREQUENCY RANGE (GHz)	WR NO.	NUMBER PROBES	LENGTH
B351C	UG-53/U	2.8 - 3.95	284	8	7.50
E351E	CPR-229F	3.3 - 4.9	229	5	8.50
G351	UG-149A/U	3.95 - 5.85	187	5	8.00
F351E	CPR-159F	4.90 - 7.05	159	5	6.75
C351	UG-344/U	5.85 - 8.3	137	5	6.75
H351	UG-51/U	7.05 - 10.0	112	5	4.80
X351	UG-39/U	8.2 - 12.4	90	5	4.80
M351	MPF-75	10.0 - 15.0	75	5	4.90
P351	UG-419/U	12.4 - 18.0	62	5	4.90
N351	MPF-51	15.0 - 22.0	51	5	5.00
K351	UG-595/U	18 - 26.5	42	5	5.00
U351	UG-599/U	26.5 - 40.0	29	5	4.87

MMC produces an extensive line of microwave impedance matching devices. In addition to the above units we also make a complete line of coaxial stub tuners and waveguide slide screw tuners. We can also provide coaxial tuners up to 40 GHz and millimeter waveguide tuners.



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